

**AMENDMENTS TO THE CLAIMS**

Claims 1-20 (Cancelled).

21. (Currently Amended) A system for training firefighters to remain below a heat critical  
~~maintaining persons below a~~ vertical boundary, the system comprising:

an emitter positioned at a fixed location and configured to establish ~~a height limit at the~~  
vertical boundary, wherein the emitter emits a signal in a single direction and is rotatable  
through 360° forming a substantially continuous signal at the vertical boundary; and

a wearable sensor configured to emit an alarm signal responsive to its intrusion above  
the vertical boundary.

22. (Previously Presented) The system of claim 21, further comprising an adjustable vertical  
support to position the emitter at the vertical boundary.

23. (Previously Presented) The system of claim 21, further comprising redirecting elements  
spaced away from the emitter to receive a signal from the emitter and extend the height limit.

24. (Previously Presented) The system of claim 22, further comprising a second emitter  
configured to combine with the emitter to establish the height limit at the vertical boundary.

25. (Previously Presented) The system of claim 21, wherein the emitter establishes a 360°  
detection zone that forms the height limit.

26. (Previously Presented) The system of claim 21, wherein the emitter is an optical device that  
emits an optical beam.

27. (Previously Presented) The system of claim 21, wherein the sensor further includes a  
speaker to emit an audible sound responsive to intrusion above the height limit.

28. (Previously Presented) The system of claim 21, further comprising a remote control unit to  
remotely control a vertical position of the emitter to adjust the height limit.

29. (Currently Amended) A system for training firefighters to remain below a heat critical  
~~maintaining persons below a~~ vertical boundary, the system comprising:  
an emitter configured to establish a height limit, the emitter emitting a single signal;  
a vertical support member adapted to position the emitter at a vertical position to  
establish the height limit at the vertical boundary; and  
a wearable sensor configured to emit an alarm signal responsive to its intrusion above  
the vertical boundary;  
wherein the emitter is adapted to turn 360° about the vertical support member to  
establish the vertical boundary around a 360° axis ~~an axis and mounted to the vertical support~~  
~~member.~~

30. (Cancelled)

31. (Previously Presented) The system of claim 29, further comprising an adjustment  
mechanism to selectively position the emitter at selected vertical positions.

32. (Previously Presented) The system of claim 31, wherein the adjustment mechanism is  
configured to selectively position the emitter at selected angular positions.

33. (Previously Presented) The system of claim 29, wherein the emitter further comprises a  
receiver that receives signals from a remote control unit to remotely adjust the position of the  
emitter on the vertical support member.

34. (Previously Presented) The system of claim 29, wherein the sensor further includes a  
speaker to emit an audible sound responsive to intrusion above the height limit.

35. (Currently Amended) A method for training firefighters to remain below a heat critical  
~~maintaining persons below a~~ vertical boundary, the system comprising:  
attaching an emitter that emits a signal in one direction to a vertical support member;  
rotating the an emitter through 360° about the vertical support member with the signal  
forming a substantially continuous signal ~~to define a height limit~~ at the vertical boundary; and  
providing a wearable sensor configured to emit an alarm signal responsive to its  
intrusion above the vertical boundary.

36. (Previously Presented) The method of 35, further comprising adjusting a vertical position of the height limit to different vertical boundaries.

37. (Previously Presented) The method of 35, wherein the step of defining the height limit at the vertical boundary comprises establishing the height limit at a constant level that is substantially parallel to a floor.

38. (Previously Presented) The method of 37, wherein the step of defining the height limit at the vertical boundary comprises establishing the height limit at an angle relative to the floor.

39. (Currently Amended) The method of 35, further comprising configuring the wearable sensor to emit an audible alarm signal responsive to its intrusion above the height limit.

40. (Previously Presented) The method of 35, further comprising configuring the wearable sensor to stop emitting the alarm signal when the sensor is positioned back below the height limit.